

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A radiopaque marker for an intraluminal medical device, comprising:

- a) a polymer;
- b) radiopaque particles disposed within said polymer having an average diameter of at least 2 microns and a maximum diameter of about 20 microns; and
- c) a wetting agent for facilitating encapsulation of said particles by said polymer, such that a blend of the polymer and the radiopaque particles forms a highly radiopaque yet relatively flexible radiopaque marker configured for securing to the intraluminal medical device, and wherein the radiopaque particles are the only metal present in the marker.

2. (original) The radiopaque marker of claim 1, wherein said radiopaque particles comprise greater than 18 volume percent of said marker.

3. (original) The radiopaque marker of claim 2, wherein said radiopaque particles comprise approximately 36 volume percent of said marker.

4. (currently amended) The radiopaque marker of claim 1, wherein said polymer comprises polyether block amide copolymer Pebax and said radiopaque particles comprise tungsten powder.

5. (currently amended) The radiopaque marker of claim 4, wherein said ~~multi-functional polymeric additive~~ wetting agent comprises maleic anhydride graft polyolefin MA-g-PO.

6. (original) The radiopaque marker of claim 1, wherein said radiopaque particles are substantially equiaxed.

7. (original) The radiopaque marker of claim 6, wherein said particles are produced by a pusher process.

8. (original) The radiopaque marker of claim 6, wherein said particles are produced by an atomization process, resulting in a substantially spherical particle.

9. (original) The radiopaque marker of claim 1, further comprising an antioxidant.

10. (original) The radiopaque marker of claim 1, wherein said polymer is thermoplastic.

11. (original) The radiopaque marker of claim 1 formed so as to define a tubular structure.

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